Eureka Math

First Grade
Module 2
Lesson 3

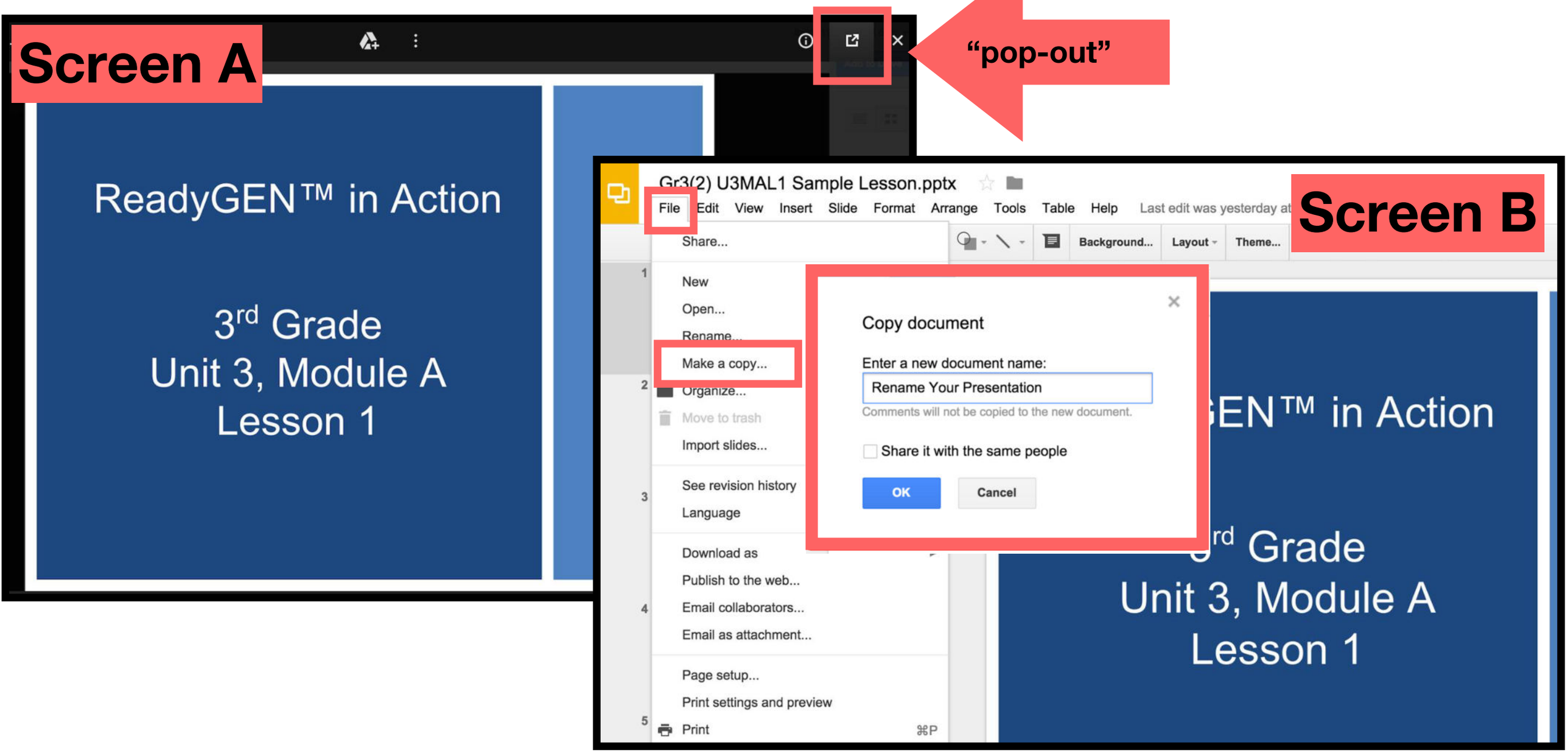
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

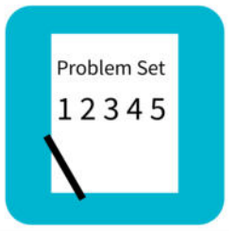


Icons

Read, Draw, Write

Learning Target

Personal White Board

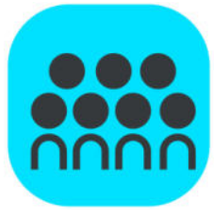


Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

Small Group Time

Lesson 3

Objective: Make ten when one addend is 9.

Suggested Lesson Structure

Fluency Practice	(10 minutes)
Application Problem	(5 minutes)
Concept Development	(35 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**

Materials Needed

- (S) Personal white board
- (T) 5-group cards (Lesson 1 Fluency Template)
- (T) 10 cubes of one color and 10 cubes of a different color
- S) 10 red and 10 green linking cubes, personal white board

I can solve word problems with three addends, two of which make ten.

Take Out 1

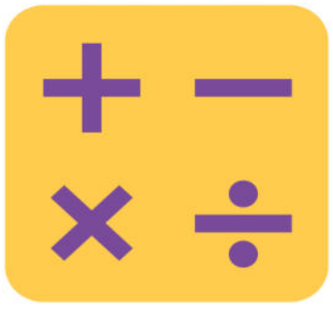
I will say a number between 1 and 9.
You say the 9 with two addends, with one part as 1!

Break Apart 10

I will flash you a 5-group card. You break apart 10 using the number flashed as part in your number bond. We will not do bubbles or boxes around the numbers in your number bond!

Add Partners of Ten First

9 + 1 = ?



Add Partners of Ten First

Let’s practice adding three numbers by making 10!

Add Partners of Ten First

$9 + 1 = 10$

$10 + 5 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 5 = 15$

$9 + 1 + 5 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 5 = 15$

$9 + 1 + 5 = 15$

Add Partners of Ten First

9 + 1 = ?

Add Partners of Ten First

$9 + 1 = 10$

$10 + 6 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 6 = 16$

$9 + 1 + 6 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 6 = 16$

$9 + 1 + 6 = 16$

Add Partners of Ten First

9 + 1 = ?

Add Partners of Ten First

$9 + 1 = 10$

$10 + 4 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 4 = 14$

$9 + 1 + 4 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 4 = 14$

$9 + 1 + 4 = 14$

Add Partners of Ten First

9 + 1 = ?

Add Partners of Ten First

$9 + 1 = 10$

$10 + 3 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 3 = 13$

$9 + 1 + 3 = ?$

Add Partners of Ten First

$9 + 1 = 10$

$10 + 3 = 13$

$9 + 1 + 3 = 13$

Add Partners of Ten First

8 + 2 = ?

Add Partners of Ten First

$8 + 2 = 10$

$10 + 7 = ?$

Add Partners of Ten First

$8 + 2 = 10$

$10 + 7 = 17$

$8 + 2 + 7 = ?$

Add Partners of Ten First

$8 + 2 = 10$

$10 + 7 = 17$

$8 + 2 + 7 = ?$

Application Problem

Tom’s mother gave him 4 pennies. His father gave him 9 pennies. His sister gave him enough pennies so that he now has a total of 14. How many pennies did his sister give him? Use a drawing, a number sentence, and a statement.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

What is the expression to solve this problem?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

The expression is 9 + 3!

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

Use one color of linking cubes to show how many snowballs Maria has.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

Using a different color of cubes, show how many snowballs Tony has. Put them in a separate pile.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

How would you solve this problem?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

We should count on! Let’s count on together!

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 = 12

Is there a way to make ten with the amounts we have in front of us? Turn and talk to your partner.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

Is there a way to make ten with the amounts we have in front of us? Turn and talk to your partner.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

I see someone made ten by moving 1 cube of Tony's color to the Maria's pile. There were 9 cubes in that pile, but now there are 10!

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

You made ten! Everyone, make ten.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

Look at your new piles. What is our new number sentence?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

10 + 2 = 12

Did we change the amount of linking cubes we have?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

10 + 2 = 12

No! So, 9 + 3 is the same as what addition expression?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 is the same as 10 + 2!

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 = 10 + 2

What is 10 + 2?

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 = 10 + 2

10 + 2 is 12! What is 9 + 3? Say the number sentence.

Concept Development

Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 = 10 + 2

How many snowballs do Maria and Tony have?

Concept Development

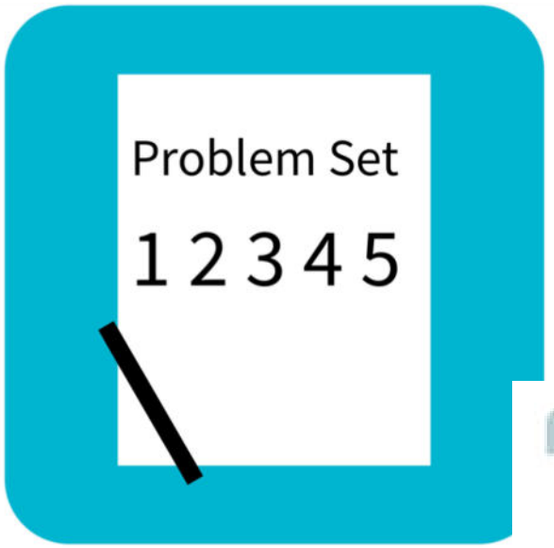
Maria has 9 snowballs, and Tony has 3. How many do they have altogether?

9 + 3 = 10 + 2

Maria and Tony have 12 snowballs!

Concept Development

Let’s practice more!

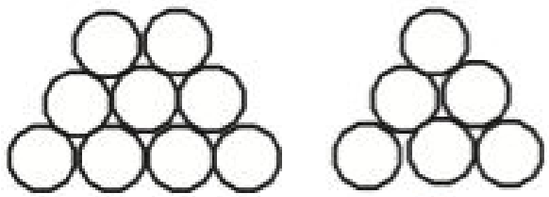


Problem Set

Name _____ Date _____

Draw and circle to show how you made ten to help you solve the problem.

1. Maria has 9 snowballs, and Tony has 6. How many snowballs do they have in all?



Maria Tony

9 and _____ make _____.

10 and _____ make _____.

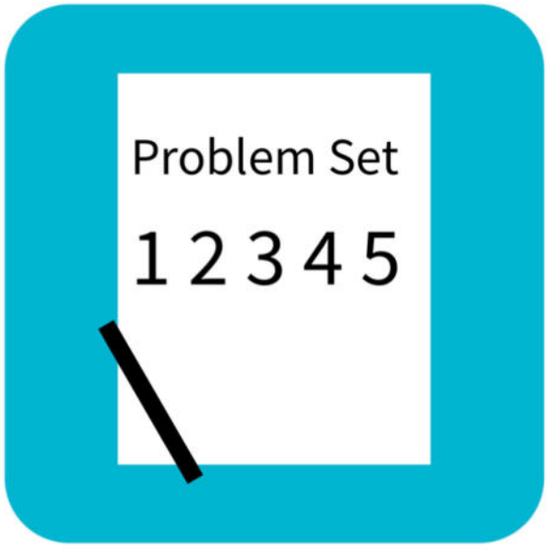
Maria and Tony have _____ snowballs in all.

2. Bob has 9 raisins, and Jonny has 4. How many raisins do they have altogether?

9 + ____ = ____

10 + ____ = ____

Bob and Jonny have _____ raisins altogether.



Problem Set

3. There are 3 chairs on the left side of the classroom and 9 on the right side. How many total chairs are in the classroom?

9 + ____ = ____

10 + ____ = ____

There are _____ total chairs.

4. There are 7 children sitting on the rug and 9 children standing. How many children are there in all?

9 + ____ = ____

10 + ____ = ____

There are _____ children in all.

Debrief

Look at Problem 1. What are the two number sentences that show your work?

Debrief

Look at Problem 1 and Problem 3 with a partner. How was setting up the problem to complete Problem 1 different from setting up Problem 3? What did you need to be sure to do? Why?

Debrief

Look at Problem 1 and Problem 3 with a partner. How was setting up the problem to complete Problem 1 different from setting up Problem 3? What did you need to be sure to do? Why?

Debrief

How can solving Problem 1 help you solve Problem 4?

Debrief

After you made ten, what did you notice about the addend you broke apart?

Debrief

What new strategy did we use today to solve math problems? How is it more efficient than counting on to add?

Debrief

What new strategy did we use today to solve math problems? How is it more efficient than counting on to add?

Debrief

Look at your Application Problem. How could you use the make ten strategy to solve the problem?

Exit Ticket

Name _____ Date _____

Draw and circle to show how to make ten to solve. Complete the number sentences.

Tammy has 4 books, and John has 9 books. How many books do Tammy and John have altogether?

____ + ____ = ____

____ + ____ = ____

Tammy and John have ____ books.