Eureka Math

1st Grade
Module 6
Lesson 23

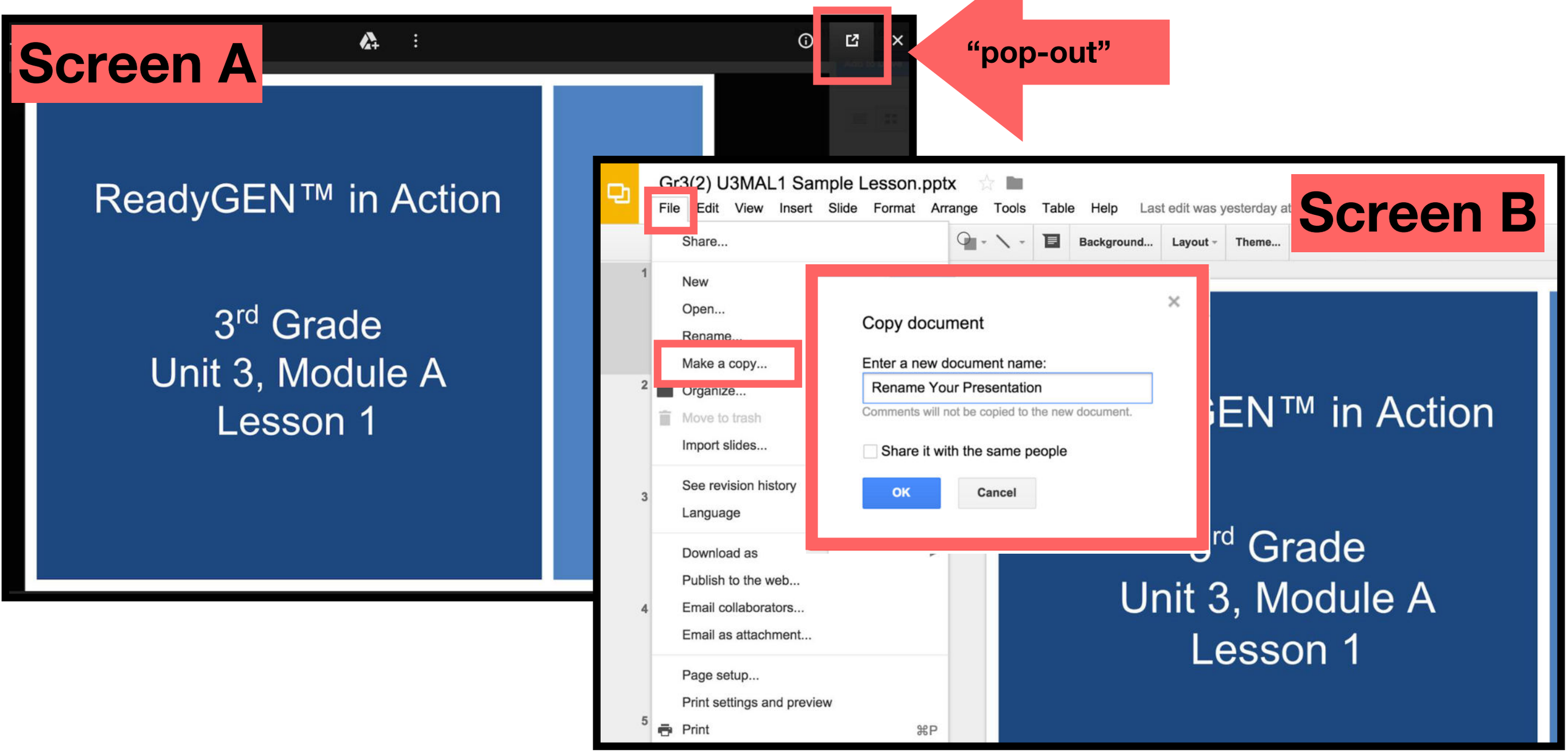
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

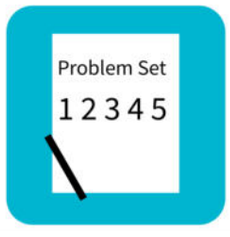


Icons

Read, Draw, Write

Learning Target

Personal White Board



Problem Set

Manipulatives Needed

Fluency

Think Pair Share

Whole Class

Individual

Partner

Small Group

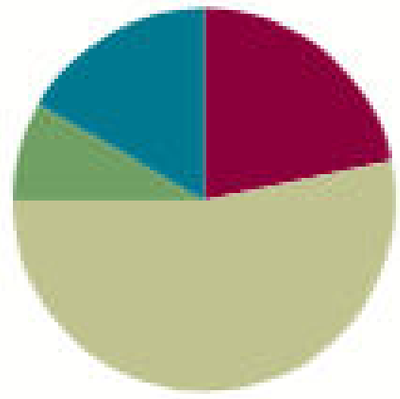
Small Group Time

Lesson 23

Objective: Count on using pennies from any single coin.

Suggested Lesson Structure

Fluency Practice	(13 minutes)
Application Problem	(5 minutes)
Concept Development	(32 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



Materials Needed

Teacher

- 1 quarter
- 3–5 dimes
- 2–4 nickels
- 15 pennies (plastic or real)

Student

- (S) Core Fluency Practice Sets (Lesson 1)
- 1 quarter
- 3–5 dimes
- 2–5 nickels
- 25 pennies (plastic or real)
- 1 die per pair of students

I can count on using pennies from any single coin.

Core Fluency Differentiated Practice Sets

Let’s do a practice set!

Standards Check: Addition Within 20

Let’s practice addition within 20!

Application Problem

RDW

Peter has 8 more green crayons than yellow crayons.

Application Problem

RDW

Peter has 8 more green crayons than yellow crayons.
Peter has 10 green crayons.

Application Problem

RDW

Peter has 8 more green crayons than yellow crayons. Peter has 10 green crayons. How many yellow crayons does Peter have?

Concept Development

What is the name of this coin?

Concept Development

A quarter!

Concept Development

What is its value?

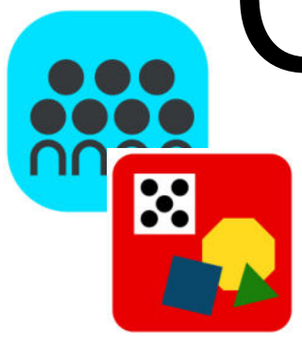
Concept Development

25 cents!

Concept Development

How much money is shown now?

Concept Development



26 cents!

Concept Development

How do you know?

Concept Development

We added one penny. That’s one cent more.

Concept Development

What is 1 quarter plus 1 penny, a quarpenny? No such thing! But we can add their values! Let’s try.

Concept Development

Tell me an addition sentence that puts together the value of the quarter and the value of the penny.

Concept Development

25+1=26.

Concept Development

Tell me an addition sentence that puts together the value of a dime and the value of 3 pennies.

Concept Development

10+3=13

Concept Development

So, a dime and 3 pennies
would be how much money?

Concept Development

13 cents!

Concept Development

Tell me an addition sentence that puts together the value of a quarter and the value of 3 pennies.

Concept Development

Tell me an addition sentence that puts together the value of a quarter and the value of 3 pennies.

Concept Development

25 + 3 = 28

Concept Development

So, a quarter and 3 pennies would be how much money?

Concept Development

So, a quarter and 3 pennies would be how much money?

Concept Development

28 cents!

Concept Development

Tell me an addition sentence that puts together the value of 3 dimes and the value of 6 pennies.

Concept Development

30 + 6 = 36

Concept Development

So, three dimes and 6 pennies would be how much money?

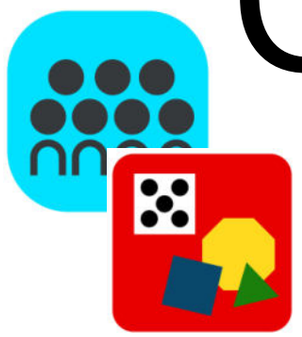
Concept Development

36 cents!

Concept Development

Tell me an addition sentence that puts together the value of the nickel and the value of the 4 pennies.

Concept Development



5 + 4 = 9

Concept Development

So, a nickel and 4 pennies would be how much money?

Concept Development

9 cents!

Concept Development

Tell me an addition sentence that puts together the value of the 4 pennies and the value of the nickel.

Concept Development

4 + 5 = 9 or 5 + 4 = 9

Concept Development

So, 4 pennies and a nickel would be how much money?

Concept Development

9 cents!

Concept Development

Let’s practice counting on pennies to count coin values!

Concept Development

How can we group these to make it easier to count?

Concept Development

Put all the pennies together!

Concept Development

Great! Which will we be starting with, the dime or the pennies?

Concept Development

The dime!

Concept Development

That is just easier; I agree.
So, let's move all the pennies together and place them after the dime.

Concept Development

Tell me an addition sentence that puts together the value of a dime, the value of 4 pennies, and the value of 1 penny.

Concept Development

10 + 4 + 1 = 15.

Concept Development

10 + 4 + 1 = 15.

Concept Development

First to 50 Cents

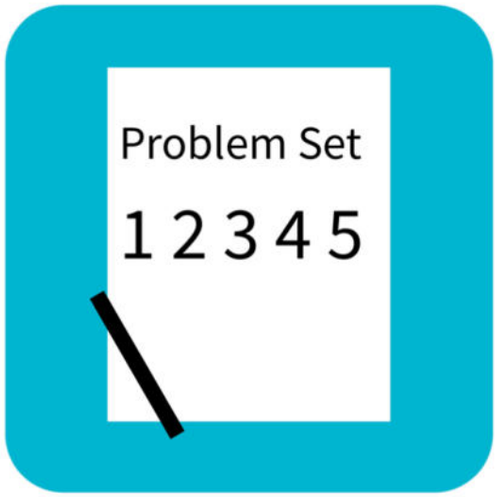
Players A and B each begin with 1 quarter.

1. Player A rolls the die and adds that many pennies to his quarter.

2. Player B rolls the die and adds that many pennies to her quarter.

3. Players continue to take turns until someone has at least 50 cents, trading pennies for nickels or dimes. No player who has 25 pennies can win!

Players might trade pennies for nickels, dimes, and finally a quarter as they play.



Problem Set

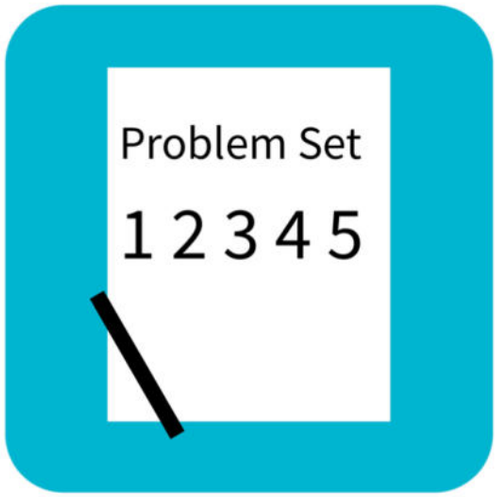
Name _____ Date _____

1. Add pennies to show the written amount.

a.	8 cents	
b.	30 cents	
c.	10 cents	
d.	18 cents	

2. Write the value of each group of coins.

a.  _____ cents



Problem Set

b.

_____ cents

c.

_____ cents

d.

_____ cents

e.

_____ cents

Debrief

Look at Problem 2. How do 5-group formations help you count coins quickly?

Debrief

Three dimes and 1 dime is 4 dimes. Three pennies and 1 penny is 4 pennies. Why is it that 3 dimes and 1 penny don’t equal 4 cents? What do we need to do in order to add dimes and pennies together? What is our label, or unit, to add 3 dimes and 1 penny in a number sentence?

Debrief

Look at Problem 2(b). How many cents are there? Look at Problem 2(c). How many cents are there? Why is the value of the coins in Problem 2(c) greater than the value of the coins in Problem 2(b) even though there are more coins in Problem 2(b)?

Exit Ticket

Name _____ Date _____

Add pennies to show the written amount.

a.	9 cents	
b.	29 cents