

# Eureka Math

## 1st Grade Module 6 Lesson 21

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.



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# 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.
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- Choose MAKE A COPY and rename your presentation.
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- It is now editable & housed in MY DRIVE.

**Screen A**

ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

“pop-out”

**Screen B**

Gr3(2) U3MAL1 Sample Lesson.pptx

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ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

# Icons



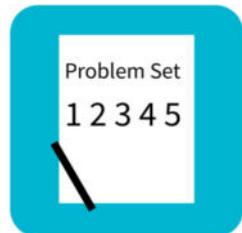
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



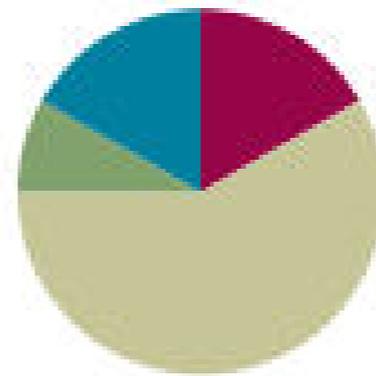
Small Group Time

## Lesson 21

**Objective:** Identify quarters by their image, name, or value. Decompose the value of a quarter using pennies, nickels, and dimes.

### Suggested Lesson Structure

■ Fluency Practice	(10 minutes)
■ Application Problem	(5 minutes)
■ Concept Development	(35 minutes)
■ Student Debrief	(10 minutes)
<b>Total Time</b>	<b>(60 minutes)</b>





# Materials Needed

- Fluency
  - (S) Core Fluency Sprints (Lesson 3)
- Concept Development
  - (T) 4 quarters, 5 dimes, 5 nickels, 25 pennies (plastic or real), chart paper (S) 1 quarter, 3 dimes, 3 nickels, 25 pennies (plastic or real), 1 die per set of partners, Problem Set

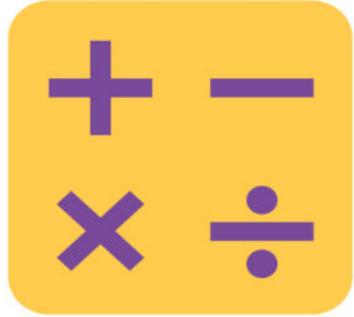


I can identify quarters by their image, name, or value.

I can break apart the value of a quarter using pennies, nickels, and dimes..

# Core Fluency Sprints

## Differentiated Sets (10 min.)



A

Name \_\_\_\_\_

Date \_\_\_\_\_

Number Correct:



\*Write the unknown number. Pay attention to the symbols.

1.	$4 + 1 = \underline{\quad}$	16.	$4 + 3 = \underline{\quad}$
2.	$4 + 2 = \underline{\quad}$	17.	$\underline{\quad} + 4 = 7$
3.	$4 + 3 = \underline{\quad}$	18.	$7 = \underline{\quad} + 4$
4.	$6 + 1 = \underline{\quad}$	19.	$5 + 4 = \underline{\quad}$
5.	$6 + 2 = \underline{\quad}$	20.	$\underline{\quad} + 5 = 9$
6.	$6 + 3 = \underline{\quad}$	21.	$9 = \underline{\quad} + 4$
7.	$1 + 5 = \underline{\quad}$	22.	$2 + 7 = \underline{\quad}$
8.	$2 + 5 = \underline{\quad}$	23.	$\underline{\quad} + 2 = 9$
9.	$3 + 5 = \underline{\quad}$	24.	$9 = \underline{\quad} + 7$
10.	$5 + \underline{\quad} = 8$	25.	$3 + 6 = \underline{\quad}$
11.	$8 = 3 + \underline{\quad}$	26.	$\underline{\quad} + 3 = 9$
12.	$7 + 2 = \underline{\quad}$	27.	$9 = \underline{\quad} + 6$
13.	$7 + 3 = \underline{\quad}$	28.	$4 + 4 = \underline{\quad} + 2$
14.	$7 + \underline{\quad} = 10$	29.	$5 + 4 = \underline{\quad} + 3$
15.	$\underline{\quad} + 7 = 10$	30.	$\underline{\quad} + 7 = 3 + 6$

# Application Problem

The logo consists of the letters 'RDW' in white, uppercase font, centered within a green rounded square.

Willie saw 11 monkeys at the zoo. He saw 4 fewer monkeys than tigers. How many tigers did he see at the zoo?



# Concept Development (35 min.)

Sort your coins into piles like we did yesterday so that we can find the coins we want more quickly.

What is the unit for each of these coins?



Put your finger on the ...

What is the value of that coin?



# Concept Development (35 min.)

You have 1 new coin. Pick up the new coin. Look at it closely, and describe what you notice about this coin.



The coin is called a quarter. Let's all say *quarter*.



# Concept Development (35 min.)

You have 1 new coin. Pick up the new coin. Look at it closely, and describe what you notice about this coin.



Some quarters have different images on the back. Many have eagles on them, but others have different pictures and names of the states on them.

But no matter what, a quarter has a value of 25 cents.



# Concept Development (30 min.)

For this next part you'll need the chart you created and the Problem Set for each student.

Follow along with the teacher manual for the rest of the concept development.

\*Optional activity will be on a slide. Use if time permits.

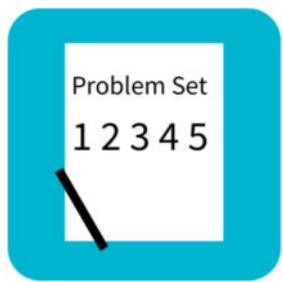


# Concept Development (35 min.)

## Optional Activity

Materials: One die; 25 pennies, nickels, dimes, and quarters for trading; and a pot per pair of students. Put all coins in a pot between the partners.

- Player A rolls the die and takes that number of pennies.
- Player B rolls the die and does the same.
- On each turn, players roll the die, add the additional pennies, and exchange their pennies for larger coins, if possible. For instance, if Player A has 6 pennies, she may trade 5 pennies for 1 nickel. If Player B has 1 nickel and 5 pennies, he may trade the coins for 1 dime.
- Play continues until a player can exchange his coins for 1 quarter, explaining that he has 25 cents.



# Problem Set

Name \_\_\_\_\_ Date \_\_\_\_\_

1. Use different coin combinations to make 25 cents.

a, ____ pennies	
b, ____ dimes ____ pennies	
c, ____ dimes ____ nickels	
d, ____ nickels ____ pennies	
e, ____ nickels	
f, ____ quarter	

# Problem Set

2. Use the word bank to label the coins,

pennies nickels dimes quarters

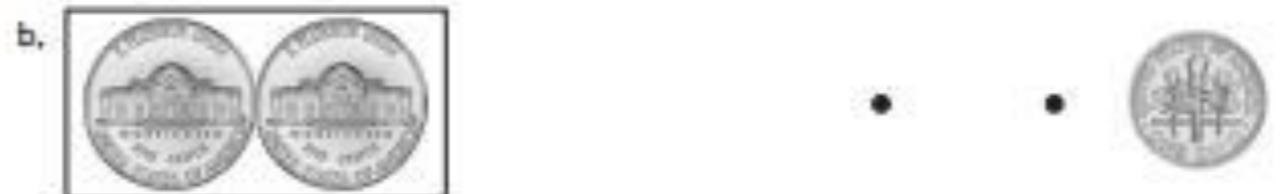


a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_ d. \_\_\_\_\_

3. Draw different coins to show the value of the coin shown,



4. Match the coin combinations to the coin with the same value,



# Debrief



- Look at Problem 4. How many more nickels did you need to make 25 cents than you needed to make 10 cents?
- What attributes of the coins help you recognize each?

# Debrief



- What is the name of the coin that has a value of 25 cents?
- Where do you see quarters? What coins could you use to buy a snack that costs 55 cents?

# Exit Ticket



Name \_\_\_\_\_

Date \_\_\_\_\_

Use the word bank to write the names of the coins.

dimes   nickels   pennies   quarters



a. \_\_\_\_\_   b. \_\_\_\_\_   c. \_\_\_\_\_   d. \_\_\_\_\_